

RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: 10/588,290
Source: IFWP
Date Processed by STIC: 8/11/06

ENTERED



IFWP

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/588,290

DATE: 08/11/2006

TIME: 11:07:12

Input Set : A:\L7350.0009 SEQUENCE LISTING.TXT

Output Set: N:\CRF4\08112006\J588290.raw

3 <110> APPLICANT: Nakajima, Toshihiro
 4 Yamasaki, Satoshi
 5 Yagishita, Naoko
 6 Tonaki, Daijuro
 7 Kato, Yukihiro
 9 <120> TITLE OF INVENTION: NERVE CELL DIFFERENTIATION INDUCER
 11 <130> FILE REFERENCE: L7350.0009
 C--> 13 <140> CURRENT APPLICATION NUMBER: US/10/588,290
 C--> 13 <141> CURRENT FILING DATE: 2006-08-04
 13 <150> PRIOR APPLICATION NUMBER: PCT/JP2005/002106
 W--> 14 <151> PRIOR FILING DATE: February 4, 2005
 16 <150> PRIOR APPLICATION NUMBER: JP2004-31320
 17 <151> PRIOR FILING DATE: 2004-02-06
 19 <160> NUMBER OF SEQ ID NOS: 7
 21 <170> SOFTWARE: PatentIn version 3.2
 23 <210> SEQ ID NO: 1
 24 <211> LENGTH: 3374
 25 <212> TYPE: DNA
 26 <213> ORGANISM: Homo sapiens
 28 <400> SEQUENCE: 1
 29 gccccttctt atgagcatgc ctgtgttggg ttgacagtga gggtaataat gacttgttgg 60
 31 ttgattttag atatagggtctt ctccttgca aggttaattag gtccttaaa ttacctgtaa 120
 33 gattttcttg ccacagcatc cattctgggtt aggctgttga tcttctgagt agtgatagat 180
 35 tgggttgggttgg tgagggttac aggtgttccc ttcttctact cctgggttgg gctacaatca 240
 37 ggtggcgctt agagcagcat gggacagggtt ggttaaggggaa gtcttctcat tatgcagaag 300
 39 tgcataactt aaatctctgt cagatctacc tttatgttagc cggcagtcg cgcggattga 360
 41 gcccggctcgc ggcgctgggt tcctggtctc cggggcaggga caatgttccg cacggcagtg 420
 43 atgatggcgcc ccagcctggc gctgaccggg gctgtgttgg ctcacgccta ctacccaaa 480
 45 caccagggttctt accccactgtt ggtgtacctt accaagtcca gcccggcat ggcagtcctg 540
 47 tacatccagg cctttgtcct tgccttcctt ctggcaagg tgatgggcaa ggtgttcttt 600
 49 gggcaactga gggcagcaga gatggagcac cttctggaaac gttctggta cgcggtcaca 660
 51 gagacttgc tggccttcac cgtttttcgg gatgacttca gccccggctt tggtgcactc 720
 53 ttcaacttcc ttcttcctt caaatgtttc cactggctgg ctgaggaccc tggtgacttt 780
 55 atgaaacgca gcccacat ctccctggctc tttcaactgccc gcattgtctc tcttatgttc 840
 57 ctccctggca tcctggactt cctcttcgtc agccacgcct atcacagcat cctgaccgt 900
 59 gggccctctg tgcagctgg tttggctt gatgtgcca tcctgtatgac gatgggtctc 960
 61 accatcttca tcaagtatgt gctgcactcc gttggaccc agagtggaaa cccctggac 1020
 63 aacaaggctg tgtacatgtt ctacacagag ctgtttacag gttcatcaa ggttctgctg 1080
 65 tacatggcct tcatgaccat catgatcaag gtgcacaccc tcccaactt tgccatccgg 1140
 67 cccatgtacc tggccatgag acagttcaag aaagctgtga cagatgccat catgtctcgc 1200
 69 cgagccatcc gcaacatgaa caccctgtat ccagatgcca ccccaaggaga gctccaggca 1260
 71 atgacaatg tctgcatcat ctggcgagaa gagatggta ctggtgccaa gagactgccc 1320
 73 tgcaaccaca tttccatac cagctgcctg cgctcctgg tccagcggca gcagacctgc 1380

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/588,290

DATE: 08/11/2006
TIME: 11:07:12

Input Set : A:\L7350.0009 SEQUENCE LISTING.TXT
Output Set: N:\CRF4\08112006\J588290.raw

75	cccacctgcc	gtatggatgt	ccttcgtgca	tcgctgccag	cgcagtcacc	accacccccc	1440
77	gaggcctgcgg	atcaggggcc	accccccgtgcc	ccccacccccc	caccactctt	gcctcagccc	1500
79	cccaacttcc	cccaaggcct	cctgcctcct	tttccctccag	gcatgttccc	actgtggccc	1560
81	cccatgggcc	cctttccacc	tgtcccgcc	ccccccagct	caggagaggc	tgtggctcct	1620
83	ccatccacca	gtgcagcage	cctttctcg	cccagtgag	cagctacaac	cacagctgct	1680
85	ggcaccagt	ctactgtgc	ttctgcccaca	gcatctggcc	caggctctgg	ctctgccccca	1740
87	gaggctggcc	ctgccccctgg	tttcccccttc	cctcctccct	ggatgggtat	gcccctgcct	1800
89	ccaccctttg	ccttcccccc	aatgcctgtg	ccccctgcgg	gctttgtgg	gctgacccca	1860
91	gaggagctac	gagctctgga	gggcccattag	cggcagcacc	tggaggcccg	gctgcagagc	1920
93	ctgcgttaaca	tccacacact	gtggacgc	gccatgctgc	agatcaacca	gtacccctacc	1980
95	gtgctggcct	ccttggggcc	ccccccggct	gccacttcag	tcaactccac	tgaggggact	2040
97	gccactacag	ttgttgcgtc	tgctctcc	accagcatcc	ctagctcaga	ggccacgacc	2100
99	ccaaacccag	gaggcctccc	accagccct	gaaatggaaa	ggcctccagc	tcctgagtca	2160
101	gtgggcacag	aggagatgcc	tgaggatgga	gagcccgatg	cagcagagct	ccggccggcgc	2220
103	ccgctgcaga	agctggagtc	tcctgttgc	cactgacact	gccccagccc	agccccagcc	2280
105	tctgctctt	tgagcagccc	tcgctggaa	atgtcctgc	accaagtgc	agctccctct	2340
107	ctgtctgcac	cagggagtag	taccccccagc	tctgagaaag	aggcggcatac	ccctaggcca	2400
109	agtggaaaga	ggctggggtt	cccatattgac	tccagtc	ggcagccatg	ggatctcg	2460
111	gtcagttcca	gccttcctct	ccaaactcttc	agccctgtgt	tctgctgggg	ccatgaaggc	2520
113	agaaggttta	gcctctgaga	agccctcttc	ttccccccacc	ccttccagg	agaaggggct	2580
115	gccctccaa	gccctacttg	tatgtgcgga	gtcacactgc	agtgcgaa	agtattagct	2640
117	cccgccccca	agtgtggact	ccagaggggc	tggaggcaag	ctatgaactt	gctcgctgc	2700
119	ccaccctaa	gactgttacc	catttcctt	tcttaccctg	atctccccc	aagccttgc	2760
121	tgtgtgtggc	tgtccccct	atgcctctg	gcat	gtcttactgg	caaccacaca	2820
123	actcagggaa	aggaatgcct	gggagtg	gtgcaggcgg	gcagcactga	gggaccctgc	2880
125	cccgcccccc	cccccaggcc	ccttccccct	gcagttctc	aagttagact	gacctgtctc	2940
127	acccagcagc	cactgccc	ccgcactca	ggcaagggcc	agtgcgcctg	ctcctgacca	3000
129	ctgcaatccc	agcgcccaag	gaaggccact	tctcaactgg	cagaacttct	gaagtttaga	3060
131	atttggattt	cttccttact	agtgtcttt	ggcttaatt	ttgtctttt	aagttagatg	3120
133	cttaatcccc	ggaaagagga	acaggagtgc	cagactcctg	gtcttccag	tttagaaaag	3180
135	gctctgtgcc	aaggaggac	cacaggagct	gggacctg	tgccttgc	cttccccctt	3240
137	ggttttgtgt	tacaagagtt	gttggagaca	gttgcagatg	attat	ttgtaaat	3300
139	tgtacaaattt	ttaatagctt	aaattgtata	tacagccaa	taaaaacttg	cattaacaaa	3360
141	aaaaaaaaaaaa	aaaa					3374
144	<210>	SEQ ID NO:	2				
145	<211>	LENGTH:	3388				
146	<212>	TYPE:	DNA				
147	<213>	ORGANISM:	Mus musculus				
149	<400>	SEQUENCE:	2				
150	gtcgttagct	tccctggaaat	gaggcgctta	cacattttat	ttctttcatg	cctgacataa	60
152	agtctggccc	ttgctcgctc	ctgcccccc	tccaaatggc	tcggcccg	gaacgcccc	120
154	tcttccaggc	acatttggag	ccggagtctt	ggaggagttt	agggtgg	ttctacaacg	180
156	gcgactagca	agtggcg	ttcagccctt	tcccgctg	ctcctgg	cgaccacacg	240
158	tcacagctc	cgctcg	gttgc	gcacggccc	cagaagc	ggcgagatcg	300
160	gagcgcgca	agagaactt	gtacggtcca	ctccgc	ccccgc	ccggaa	360
162	ggtgtcttac	ccccgaagtt	ccgg	gggggtgg	agtgtt	accggagcgg	420
164	ctgccc	cgcggtgatt	gagcgtg	gcggc	gctc	tctggccag	480
166	ggcgatgttc	cgcaccgc	tgtatgt	ggcc	gctaa	ggcagtgg	540
168	ggctcatg	tactac	aacacc	tt	gtatgt	tacca	600

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/588,290

DATE: 08/11/2006
TIME: 11:07:12

Input Set : A:\L7350.0009 SEQUENCE LISTING.TXT
Output Set: N:\CRF4\08112006\J588290.raw

170	cagccccagc	atggcagtcc	tgtacatcca	ggccttgtc	cttgtctcc	tcttggcaa	660
172	ggtgatggc	aagggttct	tcgggcagct	gagggcagca	gagatggagc	accttctgga	720
174	acggcctgg	tacgctgtta	ctgagacttg	tttgccttc	accgttttc	gggatgactt	780
176	cagccctcg	tttggcgc	tcttacgct	gctcccttc	ctcaaatgtt	tccattgggt	840
178	ggctgaagac	cgtgtggact	ttatggaacg	cagccccaaac	atctcctggc	tcttccactg	900
180	ccgcacatcg	tctctcatgt	ttctcctggg	tatcctggac	ttcctcttcg	tcagccacgc	960
182	ttatcacagc	atcctgaccc	gtggggcttc	tgtcagctg	gtatttggt	ttgagtgacgc	1020
184	cattctgatg	accatggtc	ttaccatctt	catcaagtat	gtgctgcact	ccgtggacct	1080
186	ccagagcgg	aaccctggg	acaacaaggc	tgtatacatg	ctctacacgg	agctgtttac	1140
188	aggttcatc	aaggctctgc	tgtacatggc	tttcatgacc	atcatgatca	agtgcacac	1200
190	atccccactc	tttgcattt	ggcccatgtt	cctgcccatt	aggcagtta	agaaagctgt	1260
192	gacagatgcc	atcatgttcc	gccgagccat	ccgcaacatg	aacacactgt	accagatgc	1320
194	caccccccgg	gagctccagg	cagtggataa	tgtctgtatc	atctgcagag	aagaatggt	1380
196	gactgggtgc	aagagattgc	tttgcaccca	catctttcac	acgagctgcc	tgcgtctcg	1440
198	gttccagaga	cagcagaccc	gccccgacatg	ccgcatggat	gtcctgcggg	catcggtgcc	1500
200	agccccagtca	ccaccaccc	ctgagcctgc	tgaccaaggaa	ccacccccc	ccctctatcc	1560
202	ccaaaccgctg	ctgcccacaggc	ccccctaattt	cccccaggc	ctcctgcctc	ctttcctcc	1620
204	aggcatgttc	ccactgtggc	ccccaatggg	tcccttcca	cctgtcccg	ctcccccaag	1680
206	ctcaggagag	gctgcggccc	ctccacccac	cagtacagcc	gtttctcgcc	ctagtggagc	1740
208	agccaccacc	acagctgctg	gcaccaggta	ttctgcccc	gcacctgggt	ctgtacctgg	1800
210	cccaagggtt	ggtccctggcc	ccggcttccc	tttccctctt	ccttggatgg	gtatgcctct	1860
212	gcctccaccc	tttgccttcc	ccccaatggc	tgtccccct	gcgggctttg	ctggcctaacc	1920
214	cccaaggag	ctgcgagcac	tagagggcca	tgagcggcag	cacctggagg	cccgctgca	1980
216	gagtctgcgc	aacatacaca	cactactgta	tgcgtccatg	cttcaaata	accagtaccc	2040
218	cactgtgctg	gttccctgg	ggccccccag	gccagctact	tcagtgaacc	ccactgaaga	2100
220	gactgcctct	acagtggat	ctgctgcccc	ttccaccaggc	gcccccaact	ctgaggctcc	2160
222	taccccgct	ccgggagctt	ccccaccaat	tcctgaagca	aaaaagctc	ctgctcctga	2220
224	gtcagtgggc	attgttaggg	agcttcccg	ggacggagag	cctgatgctg	cagaactccg	2280
226	ccggcgtcgc	ctgcagaaggc	tggagtc	tgttgcac	tgacactgcc	cagacctggc	2340
228	cctgttctct	tgagtggccc	tcactggaa	acgtcctgcc	atcaagtgc	agctccctct	2400
230	ctgcttgcac	caggagtaga	tagccccag	tgagaaaagac	ttggcaggat	ctctgaggat	2460
232	caaggagaag	tgtctggct	tccagttgtat	ccatccccag	tgccctggc	agccatggag	2520
234	atactggta	gtctaaacct	ccctccactt	ctgcacatgtt	caactgggc	cttcaaagta	2580
236	gaagctgaat	ctctgtaag	ccttctcttc	catgtttct	gggagaaggt	gaagccctc	2640
238	caagccctgc	ttgtgagtat	gggaccatgc	tgcagtgcgg	aacagtatta	gcttctgttc	2700
240	ccaagtgtgg	aaaccaggag	gggctgaaga	cagaccagga	ccttgc	ccctctgcc	2760
242	aagactggta	ccagttctt	ttctcttagcc	cagtttccc	agaacccctt	tgtatggtg	2820
244	gtctgcccc	ccgaagccct	gtggcatttc	catgtttac	tggcaaccac	acaactcagg	2880
246	gaaaggagtg	cctgggggtg	gggcacaggc	ggcagact	gagggaccc	gcctgcccc	2940
248	tcccccagctc	tttccccatc	tcacccagca	gccactgcct	ggtgggcctg	gctaagggtg	3000
250	tgtctgctc	cttaaaccac	tgctccccag	aacccaaggc	aggccaccc	caacctgtgg	3060
252	gatgtcgta	ggattggaa	tattctgtac	ctactggctt	tggttctaaa	tttgccttc	3120
254	tgaatttga	tgcttgcaccc	caggaaggag	gagcagggt	ggggcttaggt	acctggactt	3180
256	cgcagtttag	aacaagctct	gggcccggggc	gggcaggcc	aggcctaggg	agccaaggcc	3240
258	tagctgctgc	ttccttctt	tggttttgg	ttacaggagt	ttctggagag	tttcagatga	3300
260	ttatataatt	tgtaaatatt	gtataaattt	taatagctt	aattgtat	acagctaat	3360
262	aaaaacttgc	attaaaaaaa	aaaaaaaaaa				3388
265	<210>	SEQ ID NO:	3				
266	<211>	LENGTH:	19				

RAW SEQUENCE LISTING DATE: 08/11/2006
PATENT APPLICATION: US/10/588,290 TIME: 11:07:12

Input Set : A:\L7350.0009 SEQUENCE LISTING.TXT
Output Set: N:\CRF4\08112006\J588290.raw

267 <212> TYPE: DNA
268 <213> ORGANISM: Homo sapiens
270 <400> SEQUENCE: 3
271 cgttcctggt acggcgta 19
274 <210> SEQ ID NO: 4
275 <211> LENGTH: 19
276 <212> TYPE: DNA
277 <213> ORGANISM: Mus musculus
279 <400> SEQUENCE: 4
280 gaaatggta ctgggtcta 19
283 <210> SEQ ID NO: 5
284 <211> LENGTH: 19
285 <212> TYPE: DNA
286 <213> ORGANISM: Artificial sequence
288 <220> FEATURE:
289 <223> OTHER INFORMATION: synthetic DNA
291 <400> SEQUENCE: 5
292 ggctacgtcc aggagcgca 19
294 <210> SEQ ID NO: 6
295 <211> LENGTH: 20
296 <212> TYPE: DNA
297 <213> ORGANISM: Artificial
299 <220> FEATURE:
300 <223> OTHER INFORMATION: synthetic DNA
302 <400> SEQUENCE: 6
303 gcgccgcccgg aagtggatgt 20
306 <210> SEQ ID NO: 7
307 <211> LENGTH: 20
308 <212> TYPE: DNA
309 <213> ORGANISM: Artificial
311 <220> FEATURE:
312 <223> OTHER INFORMATION: synthetic DNA
314 <400> SEQUENCE: 7
315 cacctcaatt ccggccggcg 20

RAW SEQUENCE LISTING ERROR SUMMARY DATE: 08/11/2006
PATENT APPLICATION: US/10/588,290 TIME: 11:07:13

Input Set : A:\L7350.0009 SEQUENCE LISTING.TXT
Output Set: N:\CRF4\08112006\J588290.raw

Invalid <213> Response:

Use of "Artificial" only as "<213> Organism" response is incomplete,
per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seq#:6,7

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/588,290

DATE: 08/11/2006

TIME: 11:07:13

Input Set : A:\L7350.0009 SEQUENCE LISTING.TXT
Output Set: N:\CRF4\08112006\J588290.raw

L:13 M:270 C: Current Application Number differs, Replaced Current Application No
L:13 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:14 M:256 W: Invalid Numeric Header Field, Wrong Prior FILING DATE:YYYY-MM-DD